

SEQUENCE LISTING

<110> YEDA RESEARCH AND DEVELOPMENT CO. LTD.
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<120> LONG-ACTING DERIVATIVES OF PYY AGONISTS

<130> YEDA-045 PCT

<150> US 60/460,820
<151> 2003-04-08

<160> 3

<170> PatentIn version 3.1

<210> 1
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> MOD_RES
<222> (36)..(36)
<223> AMIDATION of the C-terminus residue

<400> 1

Tyr Pro Ile Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu
1 5 10 15

Leu Asn Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr
20 25 30

Arg Gln Arg Tyr
35

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<211> 34
<212> PRT
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<221> MOD_RES
<222> (34)..(34)
<223> AMIDATION of the C-terminus residue

<400> 2

Ile Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu Leu Asn
1 5 10 15

Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr Arg Gln
20 25 30

Arg Tyr

<210> 3
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> MOD_RES
<222> (1)..(2)
<223> Ile (position 1) is substituted by FMS, Lys (position 2) is substituted by epsilon-FMS

<220>
<221> MOD_RES
<222> (34)..(34)
<223> AMIDATION of the C-terminus residue

<400> 3

Ile Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu Leu Asn
1 5 10 15

Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr Arg Gln
20 25 30

Arg Tyr